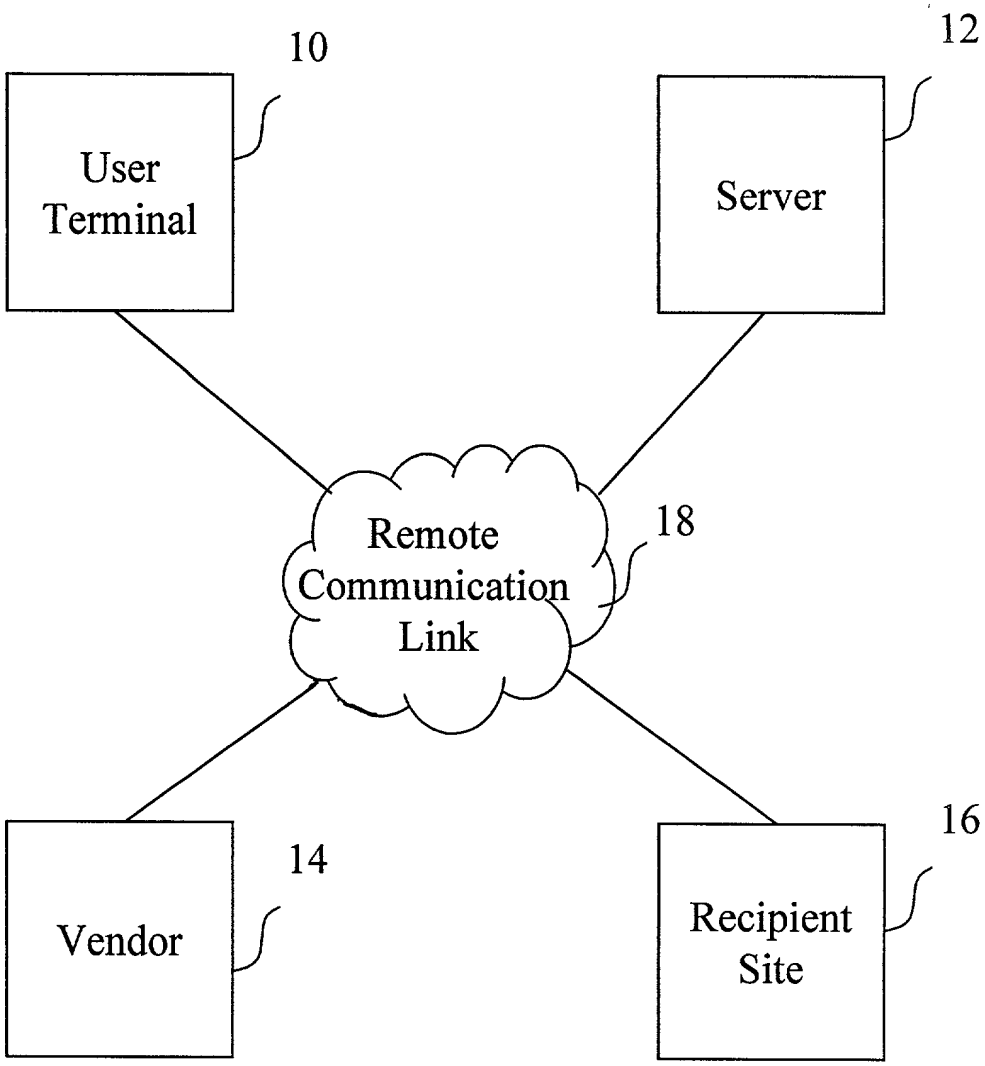
10
User Terminal
12
Server
Remote Communication Link
18
14
Vendor
16
Recipient Site

FIG. 1

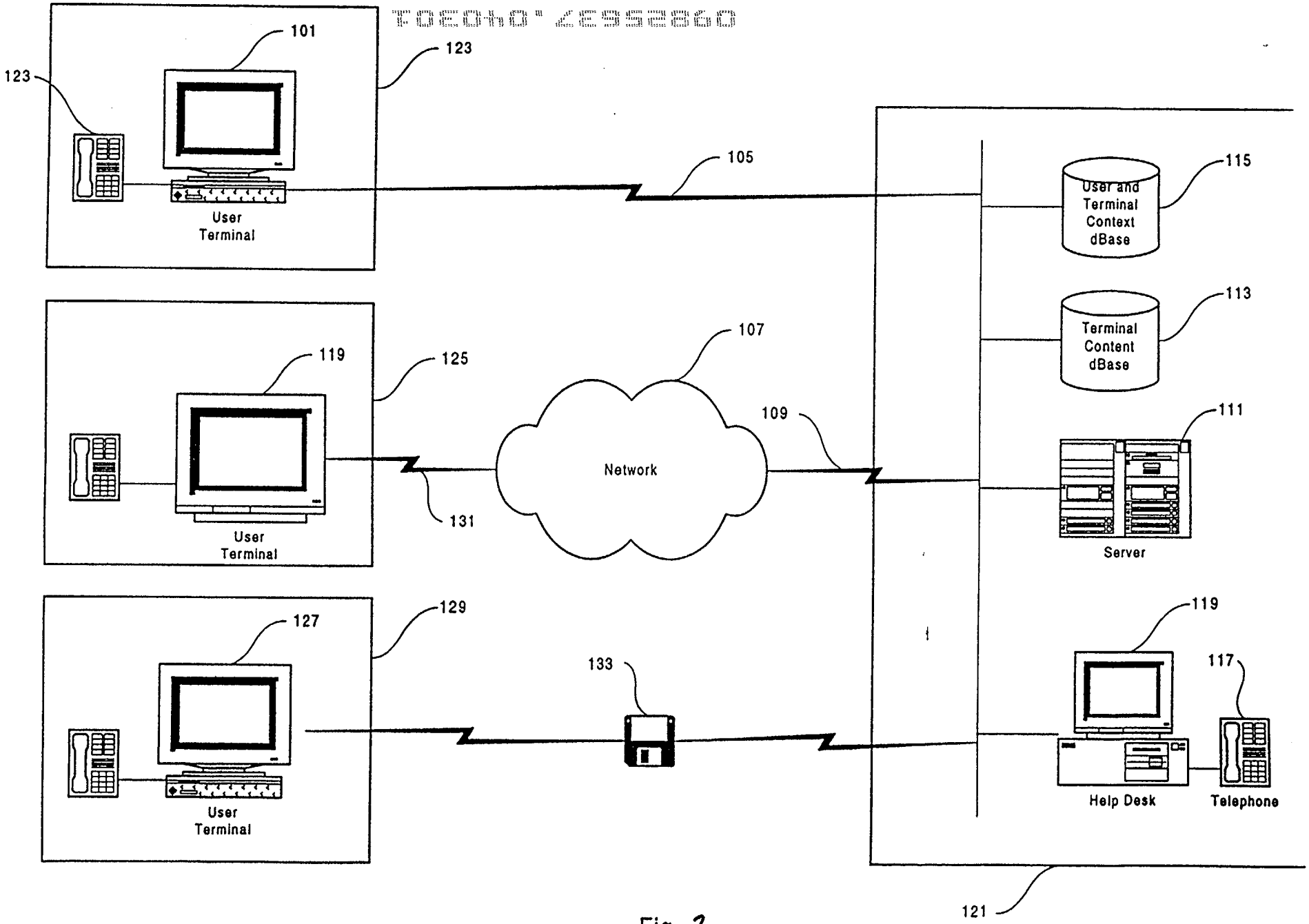
101
123
123
105
User
Terminal
User and
Terminal
Context
dBase
115
113
Terminal
Content
dBase
119
125
107
109
111
Network
131
User
Terminal
Server
127
129
133
119
117
User
Terminal
Help Desk
Telephone
121

Fig. 2

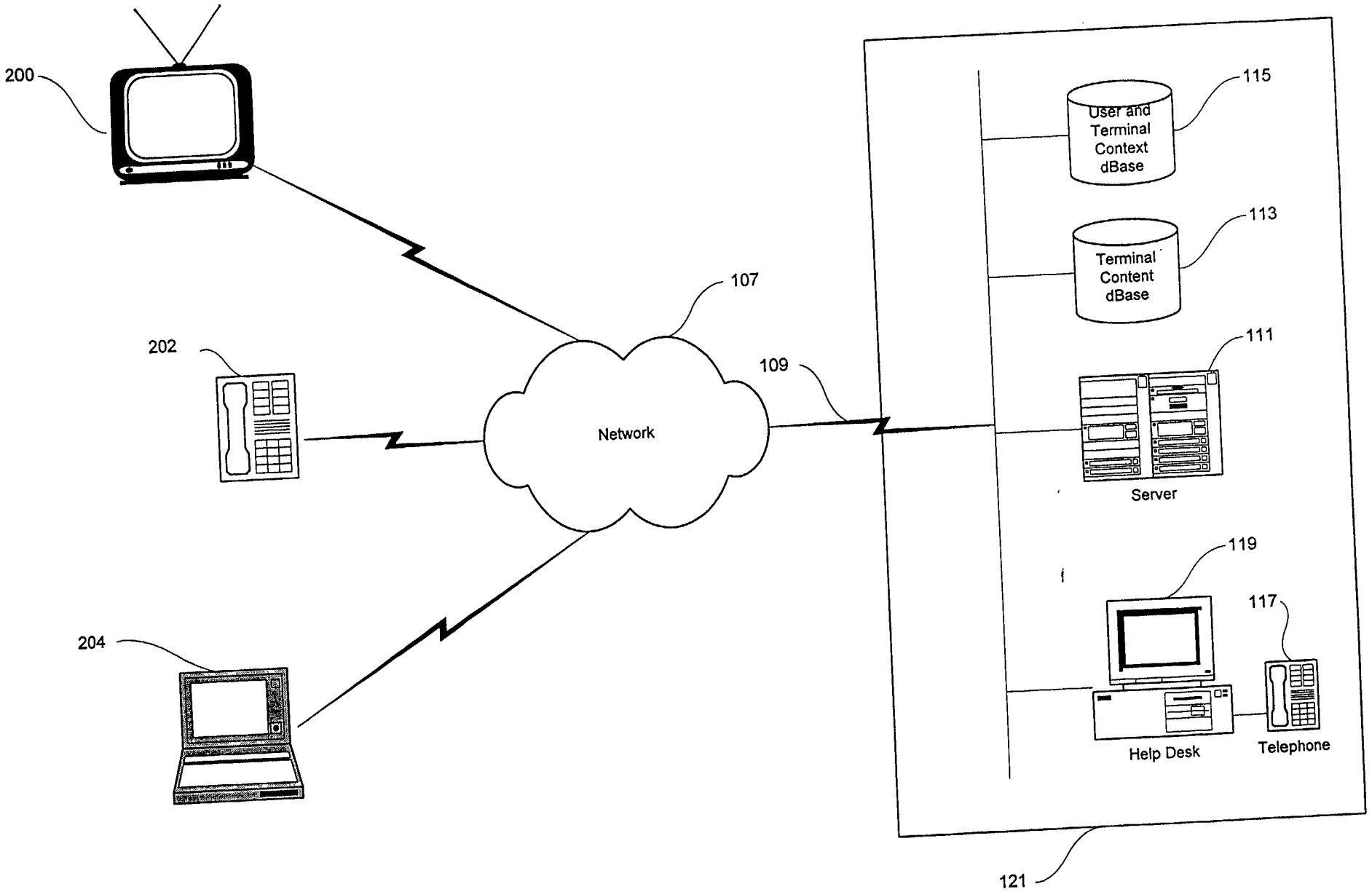
200
202
204
107
109
Network
115
User and Terminal Context dBase
113
Terminal Content dBase
111
Server
119
117
Help Desk
Telephone
121

Fig. 3

TOEDTO "2E952860

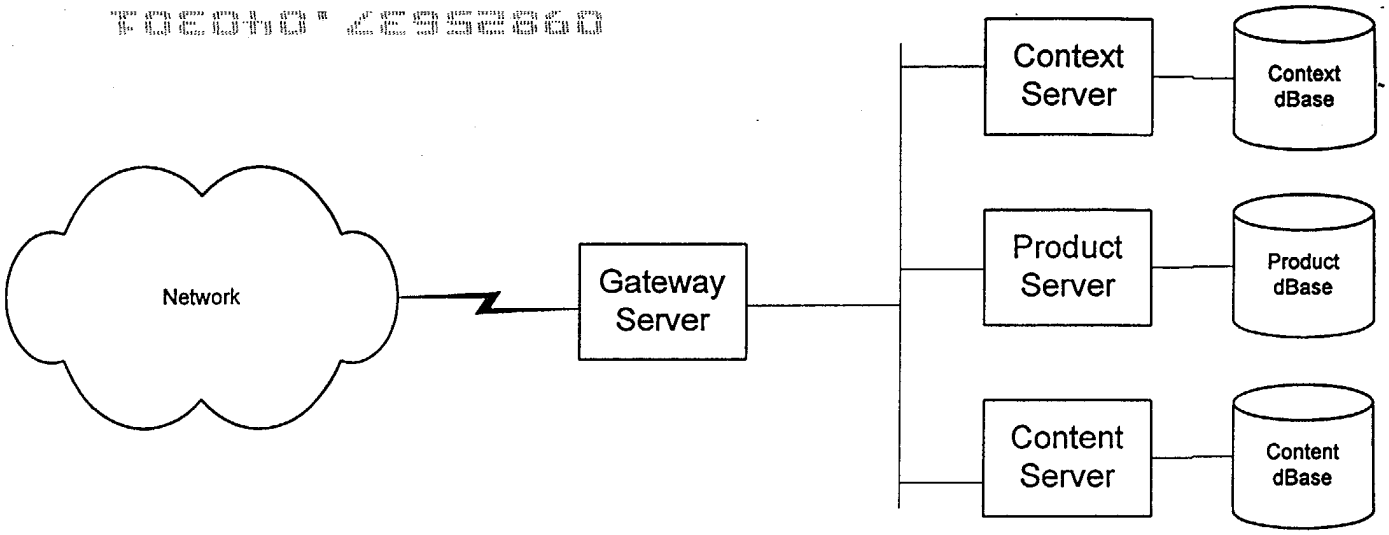

Fig. 4

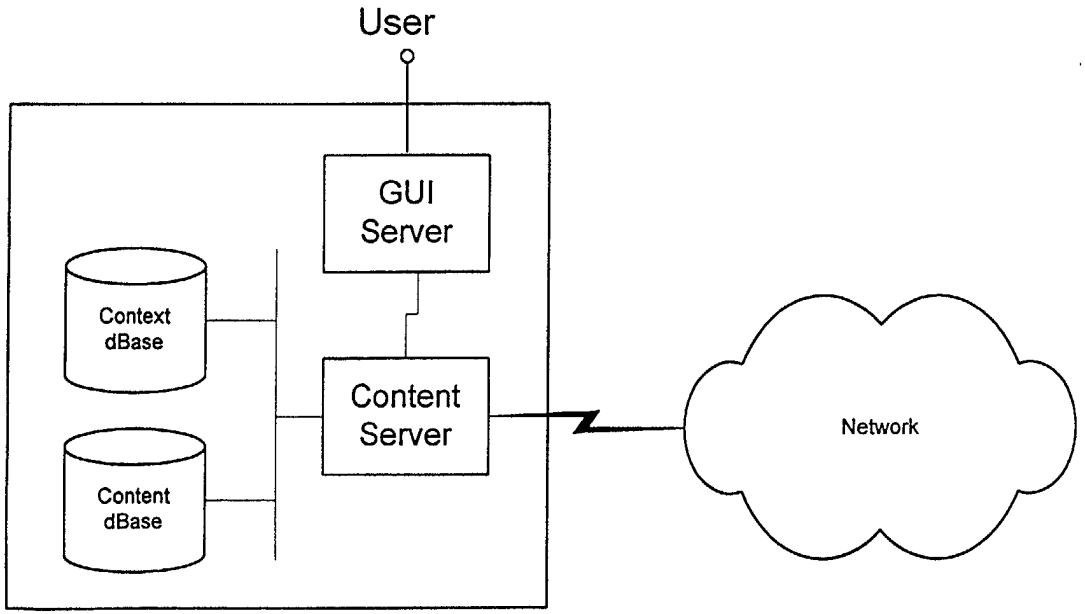

Fig. 5

Sample Geographic Context Database Record

term. #	type	address	1	1.1	1.2	1.3	2	2.1	2.1.1	2.1.1.2	2.1.1.2.1	2.1.1.2.2	2.1.1.3	2.2	2.2.1	2.2.2	3	3.1	3.1.1	3.1.2
0001	kiosk	123 Main	0	0	0	0	6	5	6	0	0	0	10	0	0	4	6	10	10	8
0002	kiosk	1 12th st.	0	0	0	0	5	5	0	0	3	3	1	0	0	0	6	6	9	7
0003	table	HMS LA	2	2	5	4	0	0	0	0	0	0	-5	-5	-9	-10	-8	6		
0004	kiosk	17 South	2	3	5	0	0	0	0	5	5	0	0	2	5	4	0	0	0	0
0005	ATM	1 Wall St	1	0	2	3	4	3	5	4	-5	-5	-9	-10	-8	6	6	0	1	0

... table continued

term. #	type	address	3.2	3.2.1	3.2.2	3.2.2.1	3.2.2.2	3.3	3.4	3.4.1	3.4.1.1	3.4.1.2	3.4.2	3.4.3
0001	kiosk	123 Main	0	0	0	0	0	0	2	2	1	1	5	5
0002	kiosk	1 12th st.	-5	-5	-9	-10	-8	6	7	6	2	2	3	2
0003	table	HMS LA	0	0	0	0	5	5	0	0	0	0	0	0
0004	kiosk	17 South	0	1	0	0	0	0	5	8	8	9	8	7
0005	ATM	1 Wall St	1	0	0	0	1	8	-4	-3	-7	-5	-2	-4

Fig. 6

Sample User Context Database Record

user #	name	address	1	1.1	1.2	1.3	2	2.1	2.1.1	2.1.1.2	2.1.1.2.1	2.1.1.2.2	2.1.1.3	2.2	2.2.1	2.2.2	3	3.1	3.1.1	3.1.2
0001	J. Smith	53 Main	0	0	0	0	5	5	5	5	5	5	5	8	9	9	6	7	8	6
0002	M. Jones	none	5	5	7	7	1	1	2	2	4	2	10	0	0	0	0	0	0	0
0003	B. Abe	11 12th	-7	-7	-7	-8	6	6	6	5	4	8	8	4	5	4	0	0	0	0
0004	T. Paul	none	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	8	8
0005	R. Wu	none	-5	-5	5	-5	0	0	0	0	0	0	0	0	0	0	5	6	4	0

... table continued

user #	name	address	3.2	3.2.1	3.2.2	3.2.2.1	3.2.2.2	3.3	3.4	3.4.1	3.4.1.1	3.4.1.2	3.4.2	3.4.3
0001	J. Smith	123 Main	0	0	0	0	0	0	0	0	0	0	0	0
0002	M. Jones	none	0	0	0	0	0	0	0	0	0	0	0	0
0003	B. Abe	11 12th	1	1	1	2	1	1	-5	-5	-5	5	-5	-5
0004	T. Paul	none	0	0	0	0	0	0	0	0	0	0	0	0
0005	R. Wu	none	1	0	0	0	0	0	0	0	0	0	0	0

Fig. 7

Sample Content Database Record

file name		1	1.1	1.2	1.3	2	2.1	2.1.1	2.1.1.2	2.1.1.2.1	2.1.1.2.2	2.1.1.3	2.2	2.2.1	2.2.2	3	3.1	3.1.1	3.1.2
bud_ad		6	7	7	7	2	4	3	0	0	0	6	6	6	-3	0	6	1	2
sports_scores		10	10	10	10	2	2	2	2	2	0	0	0	0	0	0	0	0	0
Napa_tours		0	0	0	0	7	6	8	2	2	2	10	3	3	5	7	10	10	10
Beluga_Caviar_ad		0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7
Napa_micro_beer		8	8	8	8	7	7	7	0	0	0	9	2	4	0	6	5	5	5

... table continued

file name		3.2	3.2.1	3.2.2	3.2.2.1	3.2.2.2	3.3	3.4	3.4.1	3.4.1.1	3.4.1.2	3.4.2	34.3	Source Location	Delivery Location
bud_ad		8	8	8	10	9	0	-3	-3	-3	-3	-3	-3	4	1
sports_scores		6	6	6	6	6	0	0	0	0	0	0	0	0	0
Napa_tours		5	6	0	0	0	0	0	0	0	0	0	0	1	1
Beluga_Caviar_ad		0	0	0	0	0	10	0	0	0	0	0	0	3	2
Napa_micro_beer		9	10	8	8	8	0	-3	-3	-3	-3	-3	-3	1	1

Fig. 8

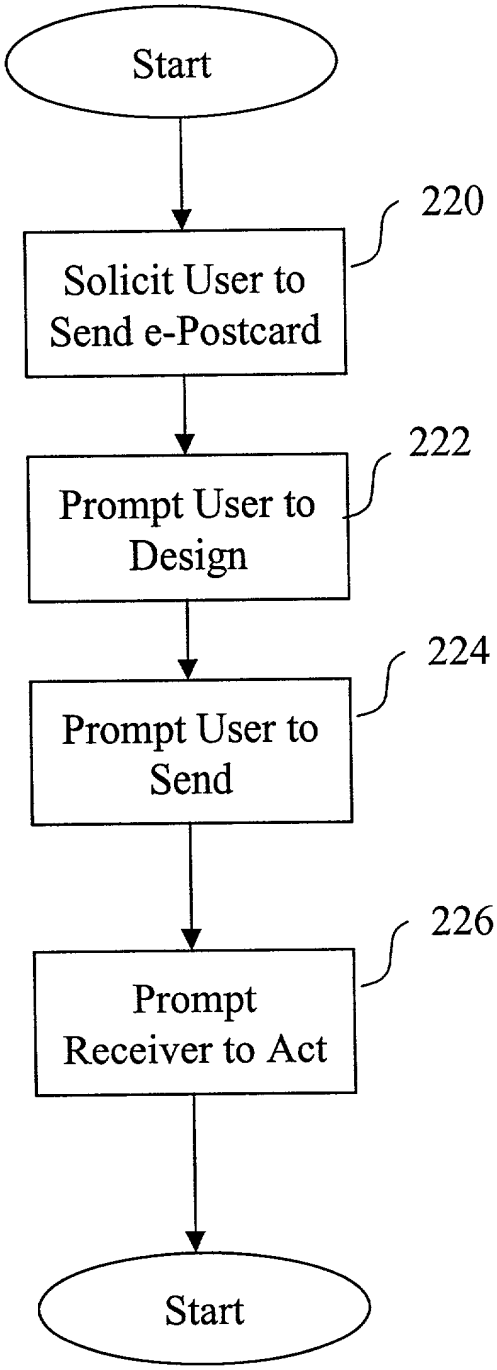
Start
220
Solicit User to Send e-Postcard
222
Prompt User to Design
224
Prompt User to Send
226
Prompt Receiver to Act
Start

FIG. 9

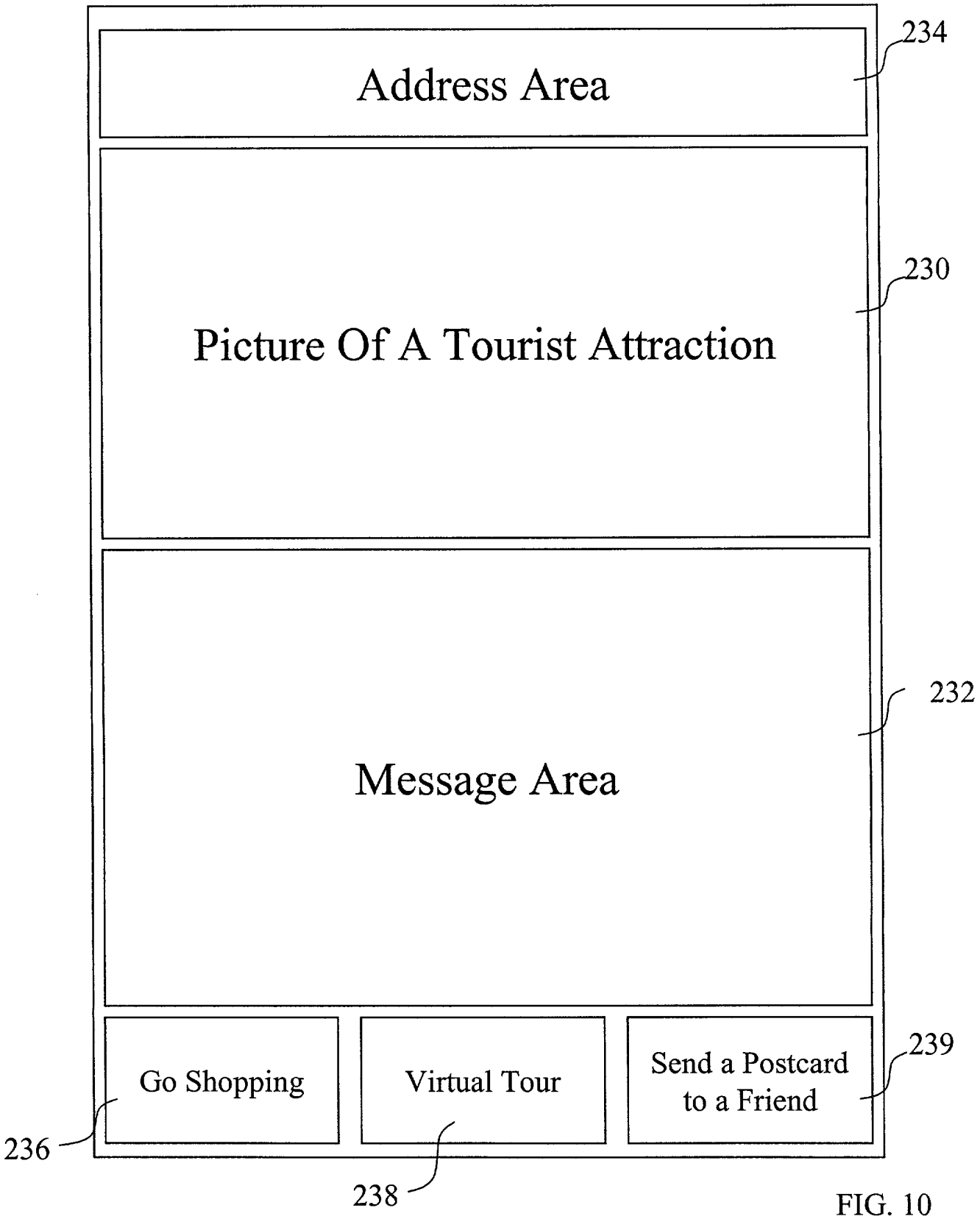
Address Area
234
Picture Of A Tourist Attraction
230
Message Area
232
Go Shopping
236
Virtual Tour
238
Send a Postcard to a Friend
239

FIG. 10

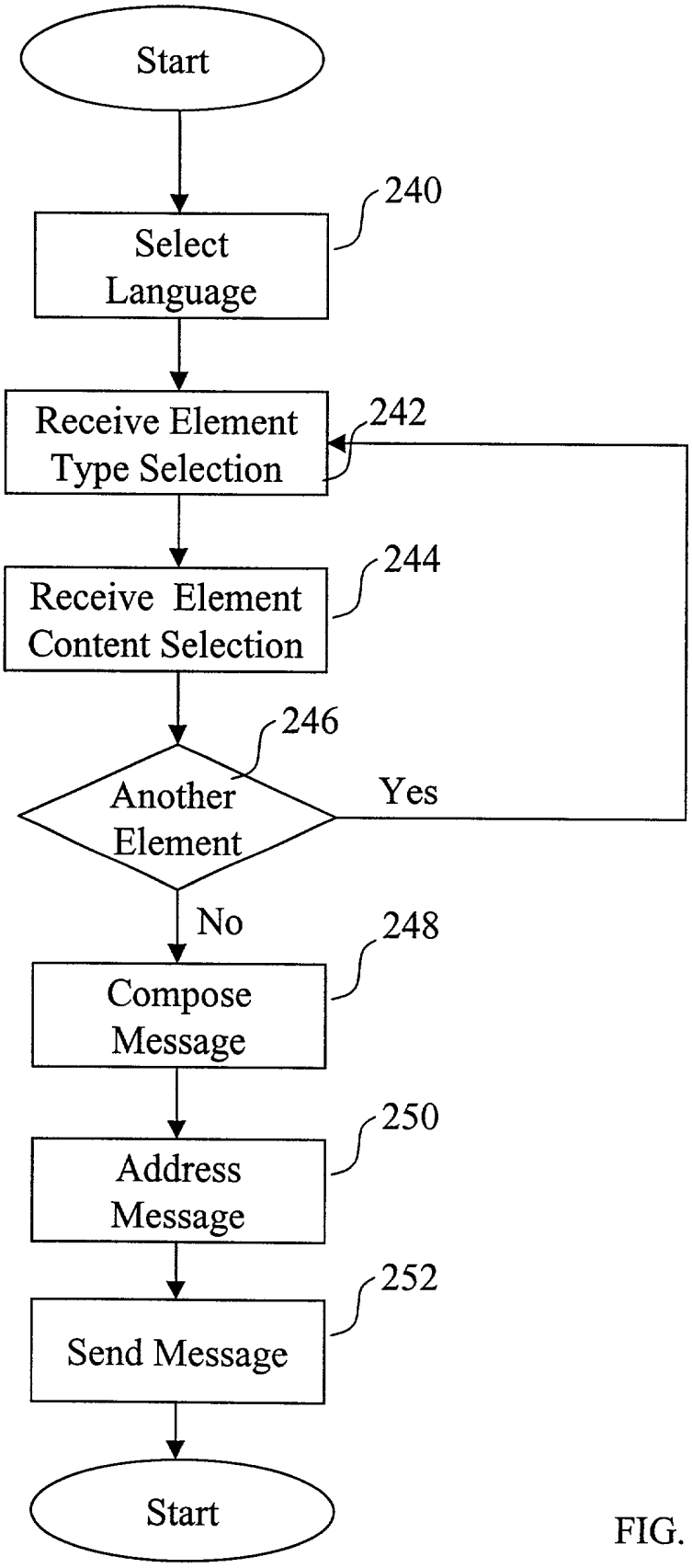
Start
240
Select Language
Receive Element Type Selection
242
Receive Element Content Selection
244
246
Another Element
Yes
No
248
Compose Message
250
Address Message
252
Send Message
Start

FIG. 11